



User manual

iQ 150 – Generation 24

Scieneo.amplio 3 Model no.: EC10II2

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WÜRTH GROUP

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1 For Your Safety

The following list sets out safety precautions that must be observed during use:



- Do not use next to fire or other heat sources.
- Do not expose your device to magnetic fields.
- Do not expose your device to direct sunlight.
- Protect your device against rain and moisture.
- Do not place any heavy objects on your device.
- Do not drop your device.

1.1 Caring for Your iQ150

 To avoid electrical shock or damage to the unit...

- Disconnect power from the computer by unplugging the power cord from the AC outlet (not by unplugging the power cord from the computer).
- Be sure not to clean the computer when it is plugged into a wall socket.
- When cleaning the unit, clean only with a damp soft cloth. Do not pour liquid onto the unit.
- Do not clean while the computer is “on” or plugged into a wall socket.
- Caution students to avoid using this device under wet conditions and also to protect the unit when carrying under this condition.
- Be sure the touch pad does not come into contact with dirt, liquids, or grease.
- Power connection must be removed before installing signal cables, whenever it is functionally and legally allowed.
- Power cords must be reconnected only after all signal interconnections have been completed.

1.2 Regulatory Information

Product: scieneo.amplio 3 (iQ150)

Model no.: EC10II2

Applicant: Elitegroup Computer Systems Co., LTD

European Notice

Products with the CE Marking comply with both the EMC Directive (2004/108/EC) and the Low Voltage Directive (2006/95/EC) and R&TTE Directive (1999/5/EC) issued by the Commission of the European Community.

Compliance with these directives implies conformity to the following European Norms:

EN55022: 2006, CLASS B

EN61000-3-2: 2006, CLASS D

EN61000-3-3: 1995+A1: 2001+A2: 2005

EN55024: 1998+A1: 2001+A2: 2003

IEC61000-4-2: 2001 ED. 1.2

IEC61000-4-3: 2006 ED. 3.0

IEC61000-4-4: 2004 ED. 2.0

IEC61000-4-5: 2005 ED. 2.0

IEC61000-4-6: 2006 ED. 2.2

1.3 Information on the Power Cord

 To reduce the risk of electric shock or damage to the equipment:

- Plug the power cord into an AC outlet that is easily accessible at all times.
- Disconnect power from the computer by unplugging the power cord from the AC outlet (not by unplugging the power cord from the computer).
- If provided with a 3-pin attachment plug on the power cord, plug the cord into a grounded (earthed) 3-pin outlet. Do not disable the power cord grounding pin, for example, by attaching a 2-pin adapter. The grounding pin is an important safety feature.

1.4 Battery Pack Safety

- Keep the battery away from children.
- The battery pack is intended to use only with this iQ150.
- To reduce potential safety issues, only the battery provided with the computer, a replacement battery provided by the supplier, or a compatible battery purchased as an accessory from the supplier should be used with the computer.
- Do not expose a battery to temperatures above 60°C (140°F).
- Handle a damaged or leaking battery with extreme care. If you come in contact with the electrolyte, wash the exposed area with soap and water. If it contacts the eye, flush the eye with water for 15 minutes and seek medical attention.
- Do not charge the battery pack if the ambient temperature exceeds 45°C (113°F).
- Do not expose the battery pack to low storage temperatures (below 0°C, 32°F).
- When discarding a battery pack, contact your local waste disposal provider regarding local restrictions on the disposal or recycling of batteries.
- Use only supplied AC Adapter for charging.

 **CAUTION!**

Danger of explosion if battery is incorrectly replaced. Only qualified service technicians should replace and discard the battery pack.

Replace only with same or equivalent type recommended by the manufacturer. Discard used batteries according to the manufacturer's instructions or local laws.

1.5 Lithium Battery Warning

This iQ150 contains a lithium battery to power the clock and calendar circuitry.

The workplace-specific sound pressure level in accordance with DIN 45 635 is 70 dB(A) or less.

1.6 Heat Related Safety Notice

The iQ150 and the AC adapter comply with the user-accessible surface temperature limits defined by the International Standard for Safety of Information Technology Equipment (IEC 60950).

To reduce the possibility of heat-related injuries or of overheating the computer:

- Do not place the computer directly on your lap or obstruct the computer air vents.
- Use the computer only on a hard, flat surface.
- Do not allow another hard surface, such as an adjoining optional printer, or a soft surface, such as pillows or rugs or clothing, to block airflow.
- Do not allow the AC adapter to contact the skin or a soft surface, such as pillows or rugs or clothing, during operation.

1.7 Headset and Earphone Volume Level Notice

- Listening to music at high volume levels and for extended durations can damage one's hearing. To reduce the risk of hearing damage, lower the volume to a safe, comfortable level and reduce the amount of time listening at high levels.
- For your own safety, before using headsets or earphones, always reset the volume. Some headphones are louder than other headphones, even if the volume control setting is the same.
- Changing the default audio or equalizer settings might lead to higher volume and should only be done with caution.

1.8 Cleaning the Keyboard

To reduce the risk of electric shock or damage to internal components:

- Clean the keyboard regularly to prevent keys from sticking and to remove dust, lint, and particles that can become trapped beneath the keys.
- A can of compressed air with a straw extension can be used to blow air around and under the keys to loosen and remove debris.

1.9 Travel Notice

 **WARNING**

To reduce the risk of electric shock, fire, or damage to the equipment, do not attempt to power the computer with a voltage converter kit sold for appliances.

2 Touring the iQ150

2.1 Front



1	Built-in rotating camera	Use the Built-in rotating camera for video conferencing.
2	LCD display	Contents of the current system operation are displayed here.
3	Windows key button	Windows start menu.
4	LED status bar	The operating status of your iQ150 is displayed here. (see "LED status bar")
5	Microphone	The microphone permits sound recording.
6	Indicator light	Lights up blue when the device is switched on.
7	On/Off button	Press this button to switch the device on and off. (see "Switching the computer on")
8	Touchpad	The touchpad and the two buttons enable you to work in the same way as with a mouse. (see "Using the touchpad")
9	Touchpad buttons	Operate like a standard mouse.

⚠ *WARNING!*

Never use the PC with the battery removed. Otherwise very high risk of injury.

⚠ *WARNING!*

The computer is designed to be able to withstand being dropped from a small height. Nevertheless, always handle the computer with care and avoid dropping it from a great height.



NOTE!

To close your device fully, you must turn the camera to its initial position.

2.2 Left view



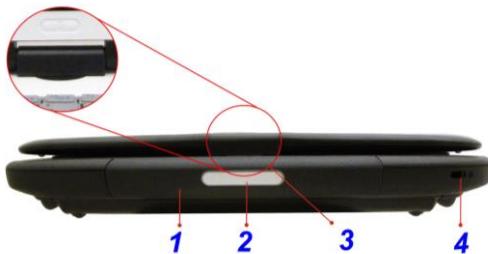
1	External monitor port	Use this port to connect to an external monitor.
2	HDMI Port	Compact audio/video interface for transmitting uncompressed digital data.
3	USB 2.0 port	Use this port to connect Universal Serial Bus devices. The iQ150 supports v.2.0 of the USB standard.
4	Ventilation Opening	The ventilation opening allows the computer to cool off and prevent overheating. Do not block this opening when the computer is turned on.
5	2 in 1 Card Reader	Supports SDHC / MMC memory card.
6	Volume control	Press the top button to increase and the bottom button to decrease the volume.
7	Lock display	Press the button to prevent the display screen from turning.

2.3 Right view



1	Stylus pen slot	The Stylus pen for the touch screen is stored here.
2	Headphone jacks	Use the headphone jacks to connect external headphone sets.
3	Microphone jack	Use the microphone jack to connect an external microphone.
4	USB 2.0 port	Use this port to connect Universal Serial Bus devices. The iQ150 supports v.2.0 of the USB standard.
5	Ethernet / LAN port	Use this port to connect the device to a network, a router or any other LAN device.
6	Power adapter port	Connect your AC adapter to this port to power up your iQ150 and charge the battery pack.

2.4 Back



1	Handle	Use the handle to carry the iQ150.
2	LCD Display Rotating Bar	This bar is used to rotate the LCD display.
3	Hinge	Swivelling hinge
4	Kensington lock	Attach a Kensington lock here to secure your device.

2.5 Base



1	Battery bay	The battery pack is stored here.
2	Battery lock switch	Use the battery lock switch to lock the battery pack in the battery bay.
3	Stereo speakers	The stereo speakers allow for audio output.

3 Getting Started

Congratulations on your purchase of the WOW! iQ150.

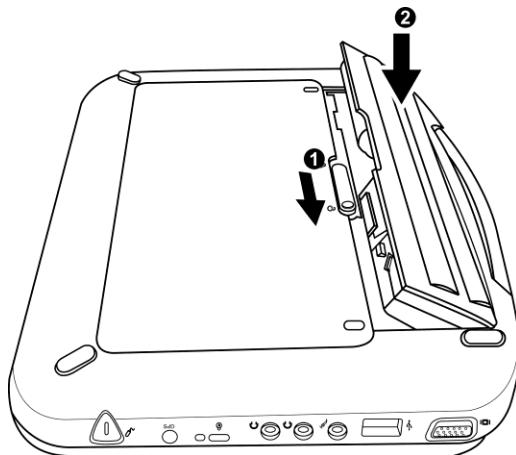
Your iQ150 features a built-in rotating camera, two headphone ports for sharing music, a rotating LCD display panel, and touch screen functions. In this section, you will be introduced to the basic operations of your iQ150.

3.1 Installing the Battery

⚠ WARNING!

Before installing or removing the battery, make sure the iQ150 is turned off.

1. Align the tabs on the battery pack with the slots in the battery bay, and insert the battery pack into the battery bay.
2. Slide and hold the battery lock switch to the right, in the unlocked position.
3. Slide the battery pack down gently but firmly until it locks into place.
4. Slide the battery lock switch left into the locked position.



3.2 Removing the Battery Pack

1. Slide and hold the battery lock switch to the right, in the unlocked position.
2. Lift and remove the battery.

**NOTE**

You must charge the battery pack for at least six hours before using it for the first time.

3.3 Operating on Battery Power

Your computer comes with a rechargeable battery pack that lets you operate the computer without an external power source. When the battery pack is fully charged, you can operate the computer under the following conditions:

- The battery pack initially has a full charge.
- No peripheral devices are installed.

**NOTE!**

You must charge the battery pack for at least six hours before using it for the first time. In the Standby Suspend mode, a fully charged battery loses its power in roughly 1/2 day or less. When not being used, the battery's power will deplete in one to two months. The battery pack in this system is replaceable by the end user.

3.4 Warnings in event of weak battery

- Warning in event of weak battery
If the power status drops to 10%, the LED charge bar flashes orange and an acoustic signal sounds every 16 seconds.
- Warning in event of very weak battery
If the power status drops to 5%, the LED charge bar flashes orange and an acoustic signal sounds every 5 seconds (if this has not been deactivated).

**WARNING!**

Do not expose battery packs to temperatures below 0°C (32°F) or above 60°C (140°F). This may adversely affect the battery pack.

3.5 Connecting the AC Adapter

A universal AC adapter is provided to supply your computer with power and also charge the computer's battery pack. The adapter's AC input voltage can range anywhere from 100 to 240 volts, covering the standard voltages available in almost every country.

To connect the computer to an external power source:

 **WARNING**

Do not use inferior extension cords as this may result in damage to your iQ150. iQ 150 comes with its own AC adapter. Do not use a different adapter to power the computer and other electrical devices.

 **WARNING!**

Never turn off or reset your iQ150 while the hard disk is in use; doing so can result in loss or destruction of your data. Always wait at least 5 seconds after turning off your iQ150 before turning it back on; turning the power on and off in rapid succession can damage the iQ150 electrical circuitry.

Whenever possible, keep the AC adapter plugged into the iQ150 and an electrical outlet to recharge the battery.

3.6 Charging the Battery and Charging Time

To charge the battery, plug the AC adapter into the iQ150 and an electrical outlet.

Charging time for 6 cells (5200mAh) battery pack; the battery will be 70 percent charged in about 150 mins and fully charged in about 260mins .



NOTE

If system runs at heavy loads or in a high temperature environment, the battery may not be fully charged. You need to continue to charge it with the AC adapter plugged in until the charging LED turns blue.



NOTE!

System will not charge battery when temperature exceeds 45°C.

3.7 Opening the LCD Panel

To open the LCD panel:

1. Steady the base of the iQ150 with one hand.
2. Hold a corner of the LCD panel with the other hand.
3. Gently raise the LCD panel to the upright position.

 ***WARNING!***

Never slam the LCD panel shut, as this may damage the Display.



NOTE:

Do not grip the Built-in rotating camera when trying to open or close the LCD panel.

LCD Care

LCD screens are delicate devices that need careful handling. Please pay attention to the following precautions:

- When you are not using the computer, keep the LCD screen closed to protect it from dust.
- If you need to clean your LCD screen, use a soft tissue to gently wipe the LCD surface.
- Do not put your fingers or sharp objects directly on the surface and never spray cleaner directly onto the display.
- Do not press on, or store any objects on the cover when it is closed. Doing so may cause the LCD to break.

3.8 Turning On Your Computer

Once you have connected your AC adapter or charged the battery pack, you can power on your iQ150.

When you power on your iQ150, the Power-On Self Test (POST) runs automatically to check the internal hardware and configuration. After the POST is completed, your iQ150 loads the installed operating system.

If hardware configuration has been changed or the POST fails, a warning message may appear on the screen. This message will inform you of any errors or invalid settings, and prompt you to run the BIOS Setup Utility to correct the problem.

3.9 Switching the Power Off

1. Make sure all applications are turned off.
2. Press the ON/OFF button for Stand-by.
3. To completely switch off the iQ150, shut down him down from the Windows start menu.

 **WARNING**

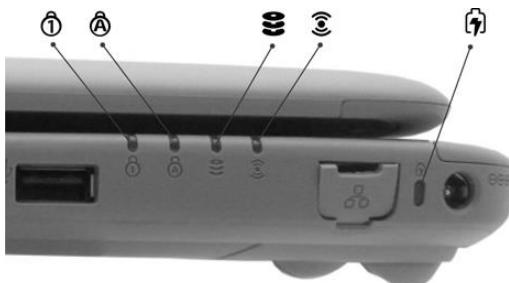
Never turn the iQ150 off during the POST, or an unrecoverable error may occur.

 Never turn the iQ150 off while the hard disk is in use, or system data may be lost or corrupted.

3.10 LED Status Indicators

The LED status bar is on the right side and allowing you to see the system and power status of your iQ150 at a glance.

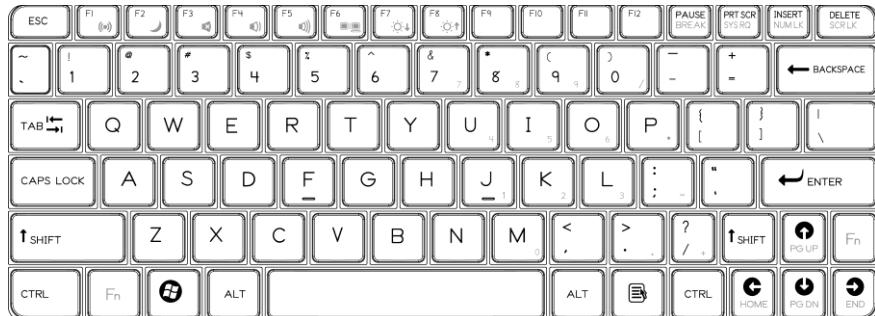
LED Symbol	Indication
①	Blue light indicates the numeric keypad is activated
Ⓐ	Blue light indicates the cap-lock is activated.
DISK	Blue light indicates the system is reading/writing data.
WIFI	Flashing blue light indicates WLAN is in operation. Blue light indicates WLAN is active.
BATT	Blue light indicates the battery is fully charged and the AC Adapter is plugged in. Orange light indicates the battery power is low.



4 Using the iQ150

4.1 Using the Keyboard

You can use certain key combinations to quickly configure system settings.

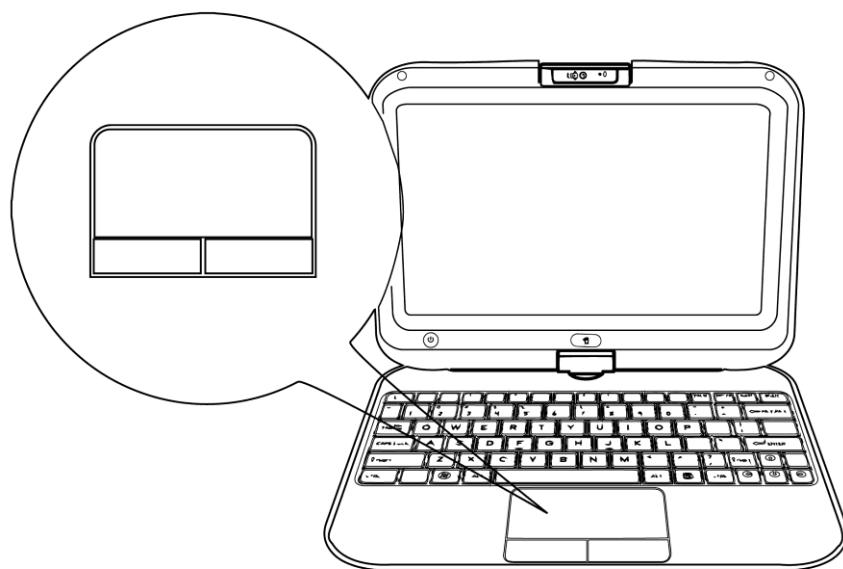


Graphic symbol	Action	System control
	Fn + F1	Turn the WLAN module off or on.
	Fn + F2	Enter the sleep mode.
	Fn + F3	Turn off the volume output.
	Fn + F4	Decrease the speaker volume.
	Fn + F5	Increase the speaker volume.
	Fn + F6	Switch the display between the LCD panel and the external monitor.
	Fn + F7	Decrease the brightness of the LCD.
	Fn + F8	Increase the brightness of the LCD.
	Fn + SysRq (PrtSc)	Capture the on screen display as a graphic.

Fn + Ins (Num LK)	Lock and unlock the number pad.
Fn + Del (Scr LK)	Turn the scroll lock function on or off.
Fn + ↑ (PgUp)	Move to the previous page.
Fn + ↓ (PgDn)	Move to the next page.
Fn + ← (Home)	Move the cursor to the beginning of a row.
Fn + → (End)	Move the cursor to the end of a row.

4.2 Using the Touch Pad

The touch pad includes a touch-sensitive pad, a scroll bar and two buttons, and can be used like a mouse. You can move the cursor on the screen, select items, and call up menus.



- To move the cursor on the screen, move the tip of your finger across the touch pad.
- To scroll up or down, slide your finger up or down the scroll bar.

- To left-click, press the left button once.
- To double click, quickly press the left button twice.
- To right-click, press the right button once.
- To drag and drop, press and hold the left button, and move your finger on the touch pad to the desired location.

4.3 Using the Touch Screen

The display panel of your iQ150 also works as a touch screen. You can use the stylus pen to control system operations, or as a pen for writing or illustration applications. The first time you power on the iQ150, follow the on screen instructions to activate the touch screen.

 **WARNING**

Do not tap or write on the screen with excessive force. Doing so may damage the LCD display.

4.4 Rotating the Display Panel

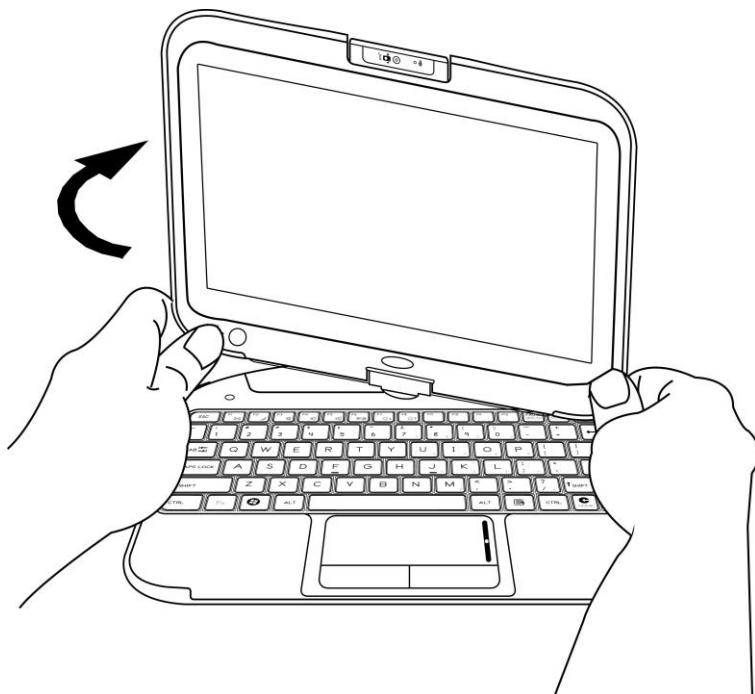
The display panel of your notebook can rotate up to 180 degrees, clockwise or counterclockwise. You can fold it down with the display facing up, and use it as a writing pad.

By clicking the icon (1) in the Quick Launch bar, the view of the desktop can be rotated manually.



To rotate the display panel:

1. Lightly grip the bottom corners of the display panel with your fingers while keeping your palms on the base of the iQ150.
2. Gently turn in the clockwise or counterclockwise direction.



3. Turn 180 degrees until the display panel gently snaps into place.



⚠ WARNING

Do not try to turn the display panel more than 180 degrees.

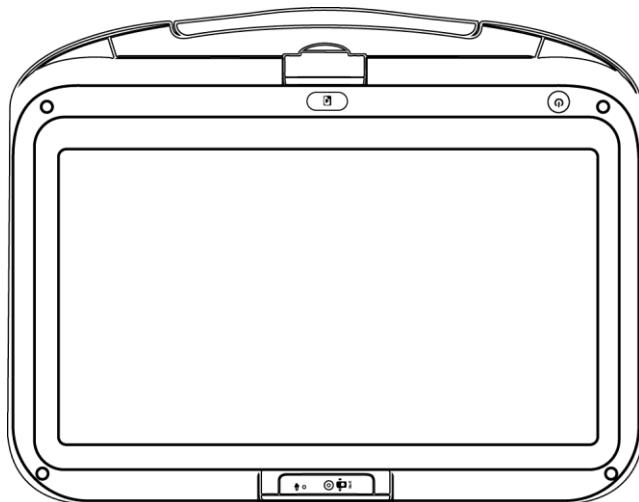


NOTE

If you rotate the display panel clockwise, you must turn it counterclockwise to return to its original position. If you rotate the display panel counterclockwise, you must turn it clockwise to return to its original position.

4.5 Using the Display Panel as a Tablet PC

1. Make sure the display panel has been rotated 180 degrees.
2. Hold the display panel by one or both of the upper corners.
3. Gently lower the display panel to the closed position.

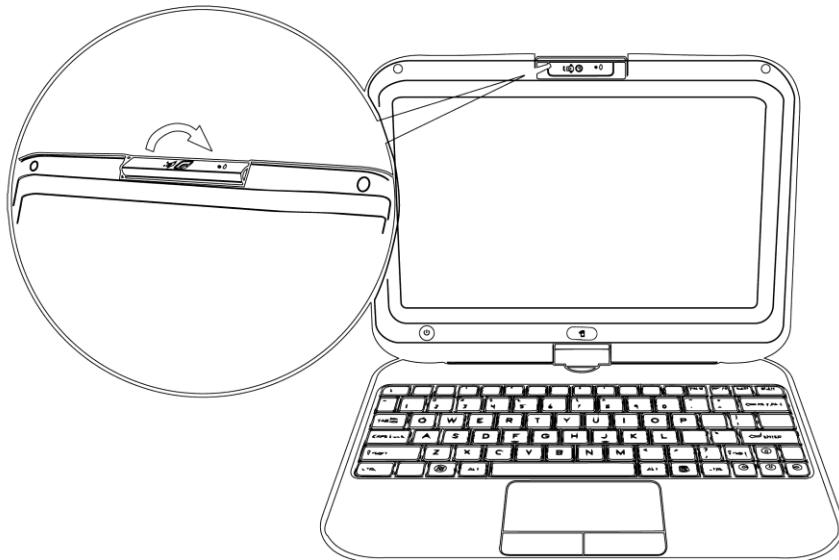


4.6 Using the Built-in Rotating Camera

The built-in rotating camera can rotate up to 180 degrees, and is equipped with an internal sensor to automatically switch to the correct orientation. You can rotate the built-in rotating camera back and forth to use on both sides of the display panel.

To rotate the built-in rotating camera:

1. Hold the edge of the built-in rotating camera with your thumb and index finger.
2. Use your thumb to push the bottom edge of the built-in rotating camera up.
3. Gently turn outwards until it locks into the 180 degrees position.



NOTE

The built-in rotating camera must be returned to its original position for the display panel to close properly.

4.7 Sharing the Same Audio Source

The two headphone ports located on the right side of the iQ150 allow two persons to share the same audio source, such as music, movies and videos.

To share the same audio source:

1. Plug in two sets of headphones.
2. Open the audio or video file you wish to listen to.

 **WARNING**

Loud volume may damage your hearing. Listen to music at a moderate level, and avoid continuous use of headphones over a long period of time.

5 Network Communication

5.1 Establishing a Wireless Connection

The iQ150 are offered a integrated WLAN card.

To enable WLAN on your iQ150, press [**Fn + F1**].

To set up a wireless network connection, proceed as follows:

1. Click the wireless network icon in the system tray at the bottom right.
2. Available connections are scanned and displayed.
Select the connection to use, and then click **Connect**.
Follow the wizard's instructions and enter the security key.

5.2 Pairing with a Bluetooth Device

You can enable Bluetooth functionality on your iQ150 with the integrated Bluetooth module. A Bluetooth connection is also called a pairing. You can transfer files to a paired Bluetooth device. The Bluetooth connection is for the WOW! Diagnostic tools used.

5.3 Establishing a Bluetooth Pairing

Both devices must be discoverable. To make your device discoverable to other Bluetooth devices:

1. First Click on the icon on the desktop  or the taskbar.
2. Click on **Add Device**
3. Follow the wizard's instructions



NOTE

Bluetooth devices manufactured by WOW!, E.g. WOW! Snooper are configured at the WOW! software.

6 Troubleshooting

Troubleshooting activity should only by authorized personnel.

Your iQ150 has been fully tested and complies with the system specifications by WOW! before shipping. However, incorrect operations and/or mishandling may cause problems. You may also encounter simple setup or operating problems that can be solved by considering the following suggestions. If the problem persists, contact your dealer for service.

- Make sure the AC adapter is properly plugged into the iQ150 and a wall outlet.
- Check to see if the power indicator of the iQ150 is on.
- Check to see if your keyboard is operational by pressing and holding any key.
- Make sure all devices connected to the external ports are plugged in properly. You can also remove these devices to eliminate them as the source of the problem.
- Some software programs may cause problems during your routine use. Consult the software vendor for problem solving.

6.1 System recovery



With system recovery you can restore the system settings obtained on delivery. This allows you to rectify different problems which have arisen, for example, as a result of incorrectly installed software from third-party providers or the like.

The WOW! software remains unaffected during system recovery. The WOW! update status and your registrations are retained.



NOTE!

Use only if you are prompted by the Service Partner to.



NOTE!

All personal data of the C: partition will be lost.



NOTE!

Perform a manual data backup before starting the system recovery.
All the data on the C: partition are deleted.

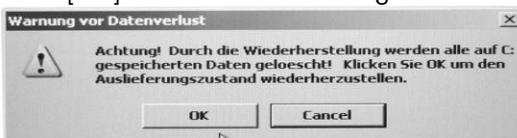
1. Start the computer
2. Click on "backup now" on the desktop.
3. The system recovery is started from the hard disk.
4. Carry out a restart.
The following message appears on screen for a few seconds:
"To establish the status on delivery, follow the instructions in the manual"
5. To start system recovery press the [F9] key within this period of time.



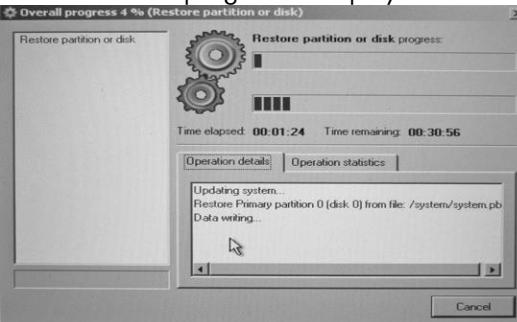
NOTE!

You will then be informed that all data of the C\ partition on your hard disk are being deleted.

6. Press [OK] to confirm this message.



7. The installation progress is displayed.



8. The computer starts automatically after system recovery has ended.
The system is now ready for use again.
If you are using the AU Plus software, you must load the data backup again now.

After Systemrecovery the WOW! Software will be brought back via online update on the current state.

7 Specifications

Items	Prototype
Designation	Model no: EC10II2 scieneo.amplio 3 (iQ150)
CPU	Intel® Celeron® processor (2M cache 1.10 GHz processor)
Memory	1x slot for DDR3 1066/1333Mhz So-DIMM DRAM module Supports 1GB/2GB/4GB working memory
Chipset	Intel® NM10 Express Chipset
Audio Codec	Realtek ALC269Q-VB6 Azalia integrated audio Analog 2.1 D3 mode support
Card reader	Supports 2 in 1 SDHC/ MMC memory cards
LAN Controller	Supports 10 and 100 MB/sec. full/half duplex operation
Wireless LAN	<ul style="list-style-type: none">Wi-Fi 802.11 B/G/N 1x1Wifi 802.11 B/G/N 1x1
Keyboard	<ul style="list-style-type: none">QWERTZ keyboardSplash-proof
Touchpad	Splash-proof touchpad with 2 buttons and scroll field
Hard disk	<ul style="list-style-type: none">SSDS-ATA HDD (with G-Sensor for HDD protection)5400 rpm
LCD	<ul style="list-style-type: none">10.1" with 1366X768 pixels (HD) (anti-glare)
Touch screen	Capacitive
Battery	6 cell Li-ion battery - 10.8V/ 5200mAH, 3.65V/2600mAH
Power pack	Automatic volt regulation between 100 and 240V AC 50/60Hz, 40 W

Dimensions	Size: 269 x 210.4 x 24.6~34.2mm
Weight	10.1" W LCD /HDD/ CAM/ 6 cell battery approx. 1.8 kg
Bluetooth	Bluetooth 4.0

8 FAQ

8.1 Serialnumber

The serial number of your unit is located in the left side of the battery shaft and on the outside of the box. Please Keep this number in case of service requests.

8.2 Activation code for Windows

The activation code for your Windows license is depending on the right side of the battery shaft or on the back of the iQ150.

9 Contacts

Importer:

DynaTech & Translatorworld
Am Brand 4
D-07580 Rückersdorf
+49(0)36602 / 260-500 (Service)
<http://www.dynatech.de> • info@dynatech.de

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Please contact for further questions and for service to the Würth company of their country.

